

BARBER et al
Appl. No. 10/018,467
September 8, 2003

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-17 (Cancel).

19. 18. (New) A method of treating a bacterial infection comprising administering to a patient in need of such treatment a therapeutically effective amount of an antibiotic agent selected from the group consisting of 2'-carboxylic acid esters of Erythromycin B and 2'-carboxylic acid esters of Erythromycin B enol ether.

20. 19. (New) The method as claimed in claim 18 wherein the antibiotic agent is a 2'-ester of Erythromycin B enol ether with a monocarboxylic acid.

21. 20. (New) The method as claimed in claim 18 wherein the antibiotic agent is 2'-ester of Erythromycin B enol ether with a dicarboxylic acid.

22. 21. (New) The method as claimed in claim 20 wherein the ester is a succinate ester.

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22. (New) The method as claimed in claim 18 wherein the antibiotic agent is a 2'-ester of Erythromycin B with a monocarboxylic acid.

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23. (New) The method as claimed in claim 18 wherein the antibiotic agent is a 2'-ester of Erythromycin B with a dicarboxylic acid.

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24. (New) The method as claimed in claim 23 wherein the ester is a succinate ester.

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25. (New) The method as claimed in claim 18 wherein the antibiotic agent is administered in an amount of up to 500mg per day.

²⁷
26. (New) The method as claimed in claim 18 wherein the antibiotic agent is administered in an amount of 250 to 500mg per day.

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27. (New) The method as claimed in claim 18 wherein the antibiotic agent is administered in the form of a tablet, a capsule, an elixir, an injectable or a syrup.

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28. (New) The method as claimed in claim 18 wherein the bacterial infection is TB, Syphilis, Helicobacter pylori or Chlamydia.

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29. (New) An antibiotic composition comprising a therapeutically effective amount of an antibiotic agent selected from the group consisting of 2'-carboxylic acid esters of Erythromycin B and 2'-carboxylic acid esters of Erythromycin B enol ether.

~~31~~
30. (New) The composition as claimed in claim 29 wherein the antibiotic agent is a 2'-ester of Erythromycin B enol ether with a monocarboxylic acid.

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31. (New) The composition as claimed in claim 29 wherein the antibiotic agent is 2'-ester of Erythromycin B enol ether with a dicarboxylic acid.

~~33~~
32. (New) The composition as claimed in claim 31 wherein the ester is a succinate ester.

~~34~~
33. (New) The composition as claimed in claim 29 wherein the antibiotic agent is a 2'-ester of Erythromycin B with a monocarboxylic acid.

~~35~~
34. (New) The composition as claimed in claim 29 wherein the antibiotic agent is a 2'-ester of Erythromycin B with a dicarboxylic acid.

~~36~~
35. (New) The composition as claimed in claim 29 wherein the ester is a succinate ester.

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36. (New) A 2'-carboxylic acid ester of Erythromycin B enol ether.

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37. (New) The ester as claimed in claim 36 which is a 2'-ester of Erythromycin B enol ether with a monocarboxylic acid.

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38. (New) The ester as claimed in claim 36 which is a 2'-ester of Erythromycin B enol ether with a dicarboxylic acid.

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39. (New) The ester as claimed in claim 38 wherein the ester is a succinate ester.

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40. (New) A 2'-ester of Erythromycin B with a dicarboxylic acid.

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41. (New) The ester as claimed in claim 40 which is a succinate ester.

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42. (New) A method of treating a bacterial infection comprising administering Erythromycin B to a patient in need of such treatment in an amount of up to 500 mg per day.

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~~44~~
~~43.~~ (New) The method as claimed in claim 42 wherein said amount is 250 to 500mg per day.

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~~44.~~ (New) The method as claimed in claim 42 wherein the bacterial infection is TB, Syphilis, Helicobacter pylori or Chlamydia.

~~46~~
~~45.~~ (New) A method of treating an infection of Helicobacter pylori comprising administering to a patient in need of such treatment a therapeutically effective amount of Erythromycin B.
